

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

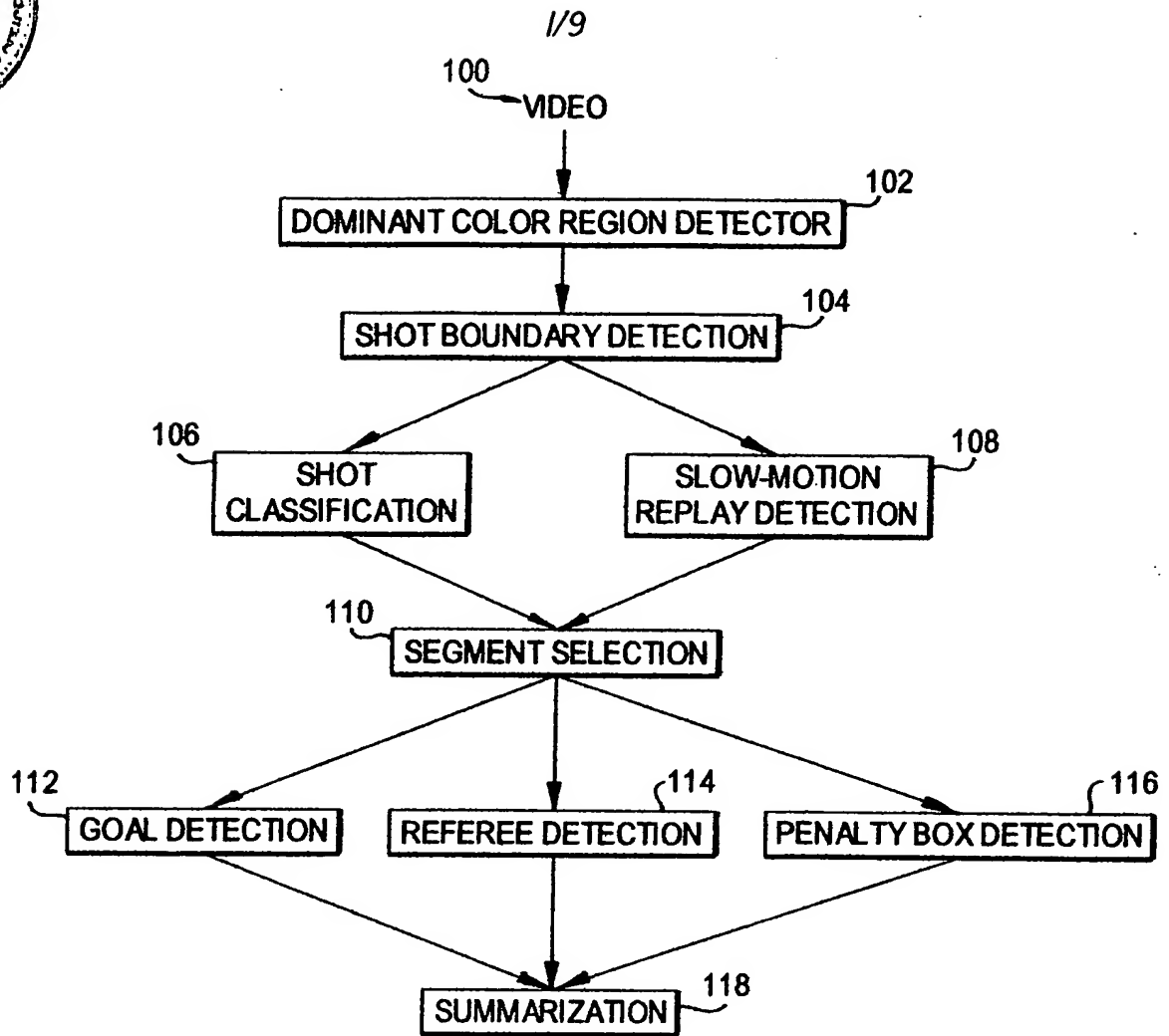


FIG. 1

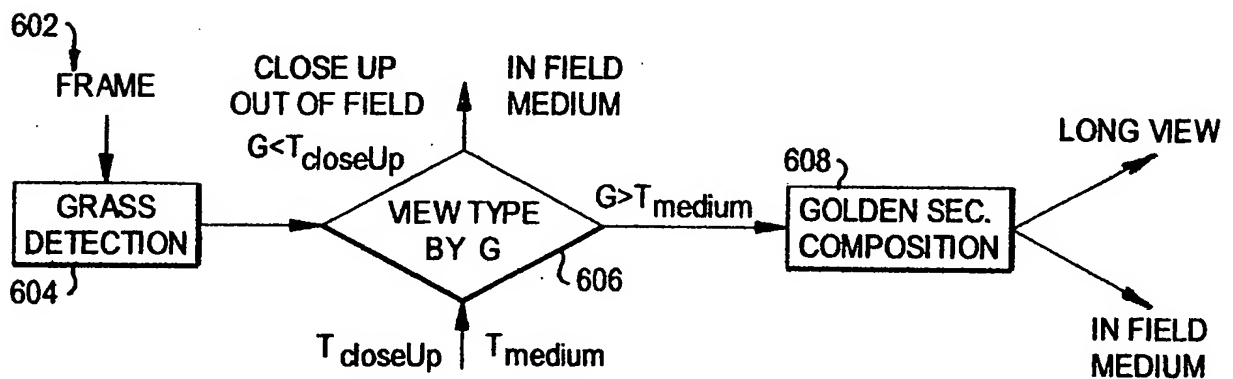
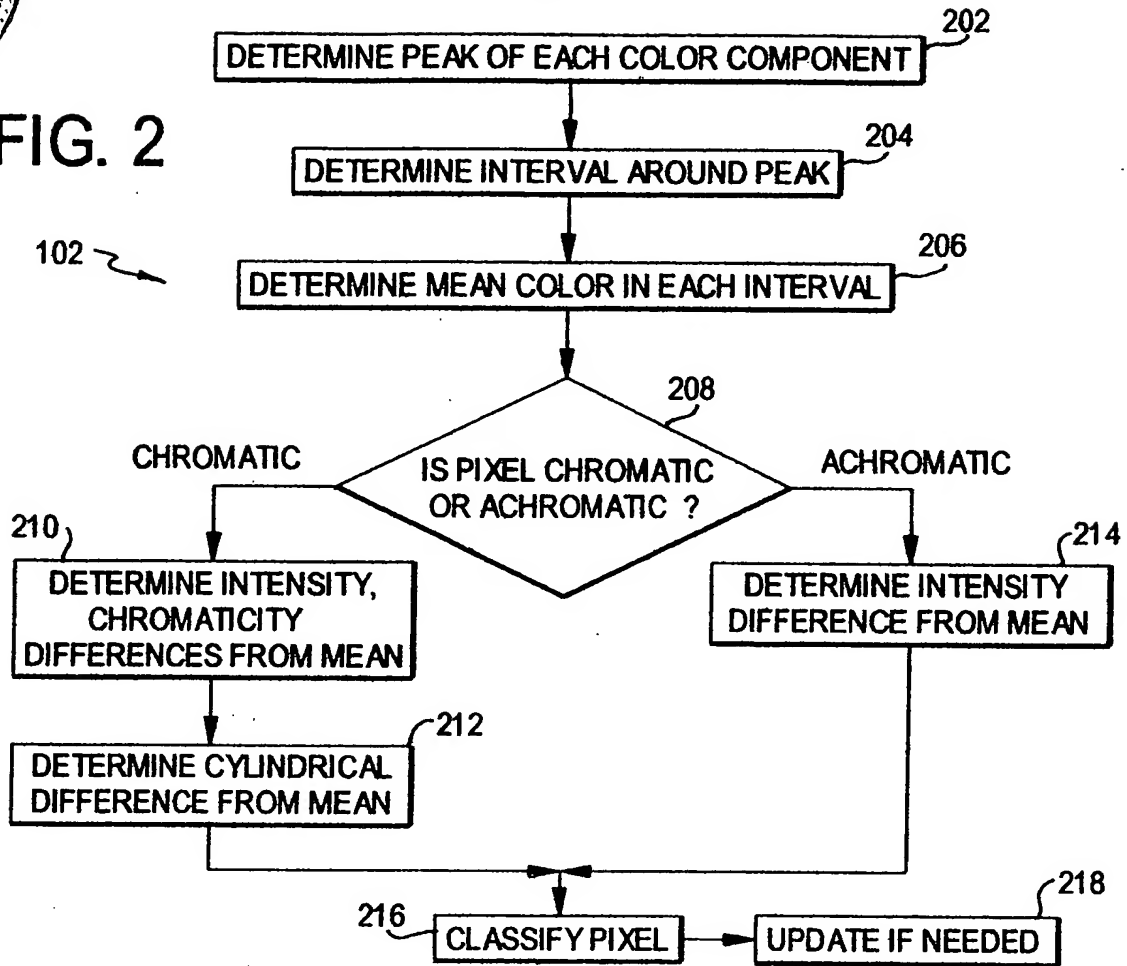


FIG. 6



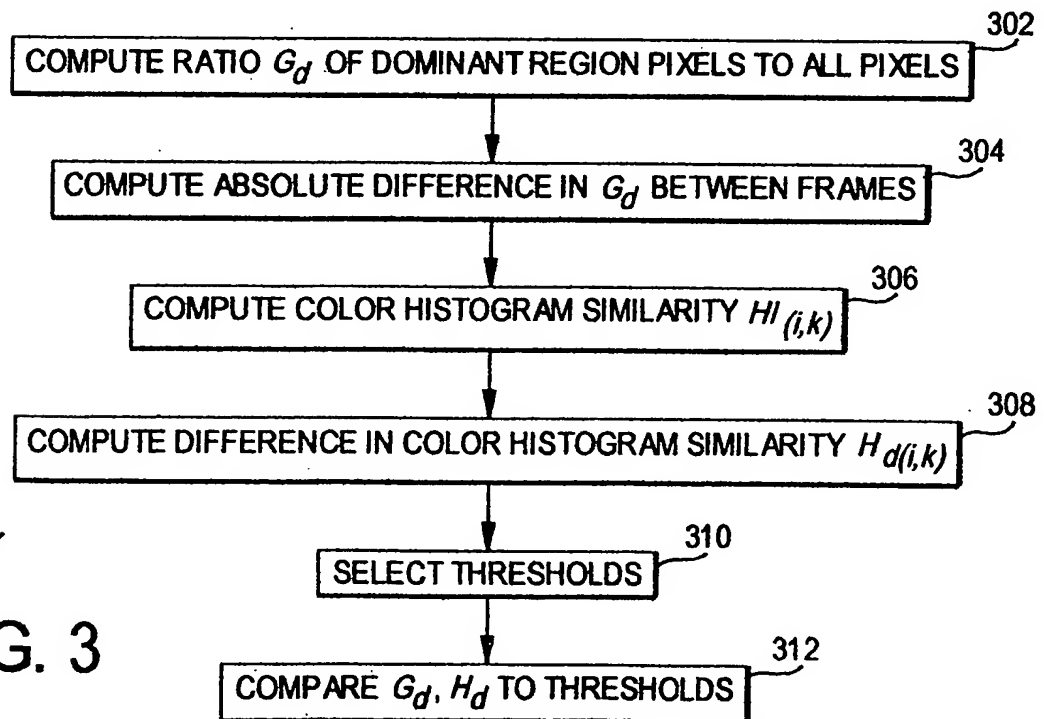
2/9

FIG. 2



104

FIG. 3



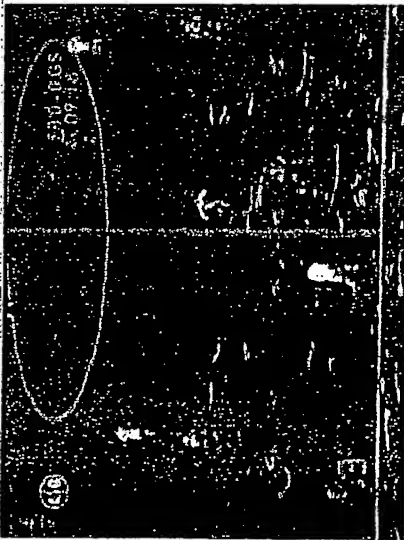


FIG. 4A

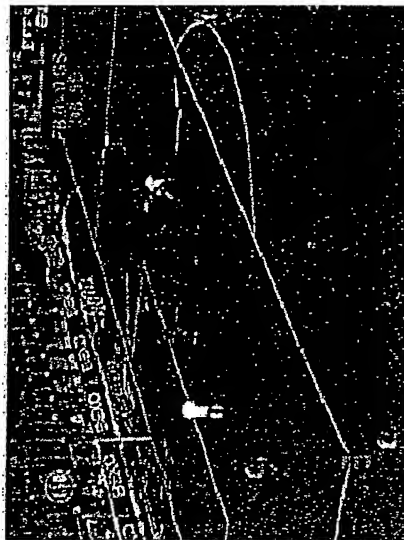


FIG. 4B



FIG. 4C



FIG. 4D

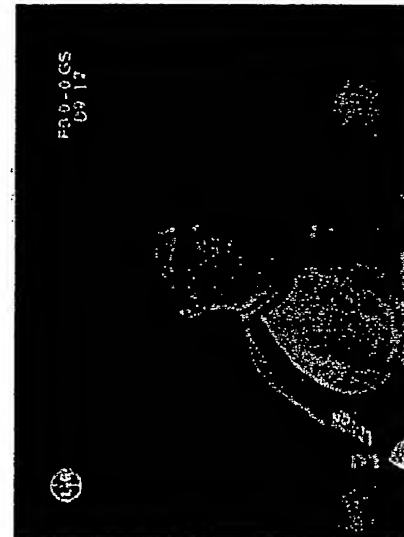


FIG. 4E



FIG. 4F



FIG. 5A



FIG. 5B

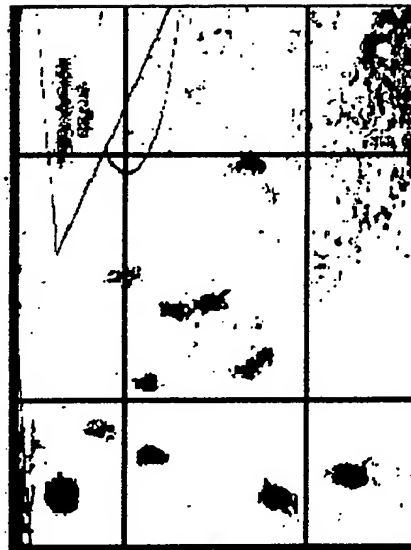


FIG. 5C

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>

FIG. 5D



FIG. 5E

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>

FIG. 5F

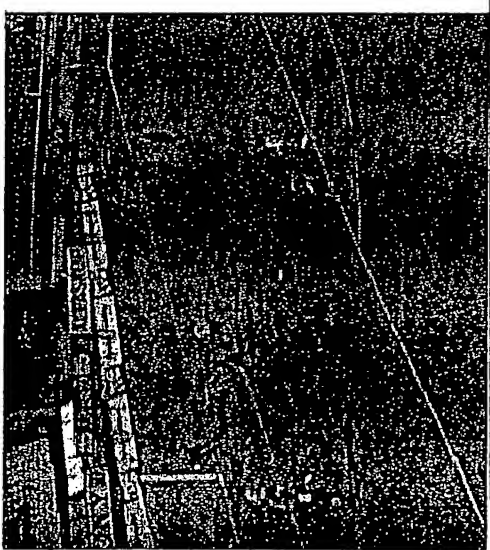


FIG. 7A

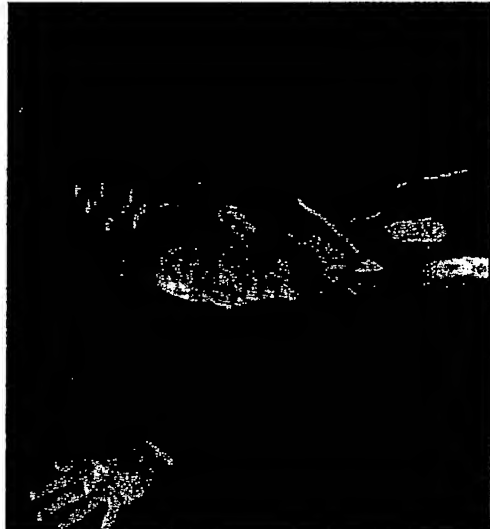


FIG. 7B

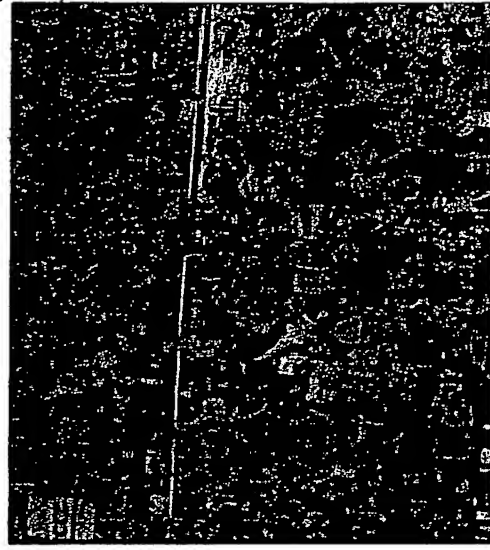


FIG. 7C

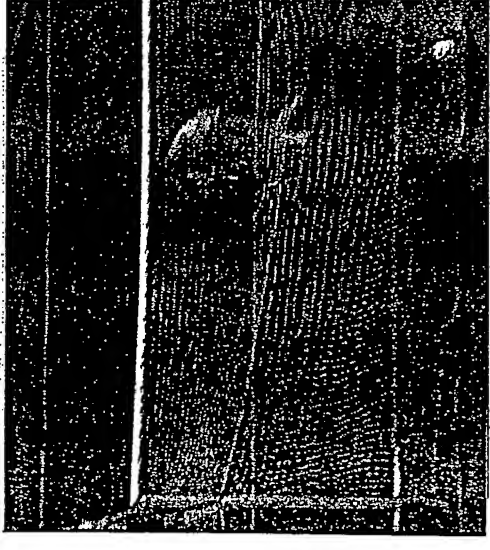


FIG. 7D

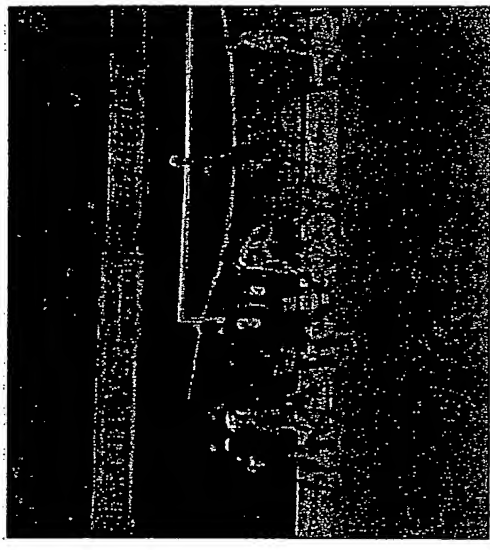


FIG. 7E

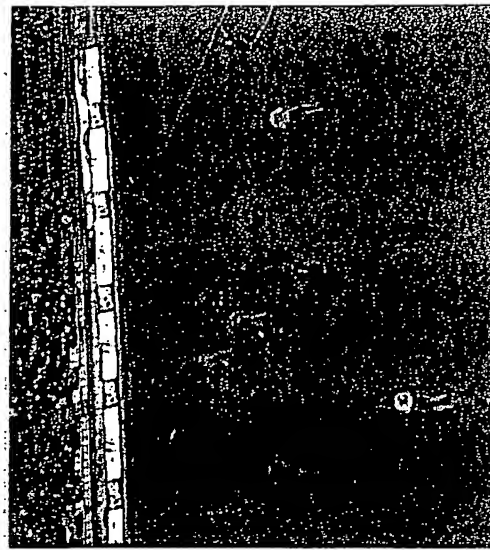
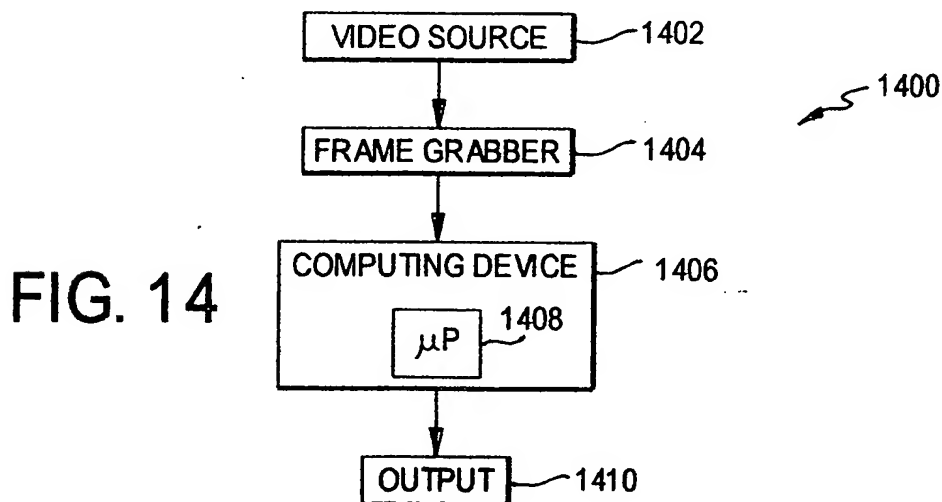
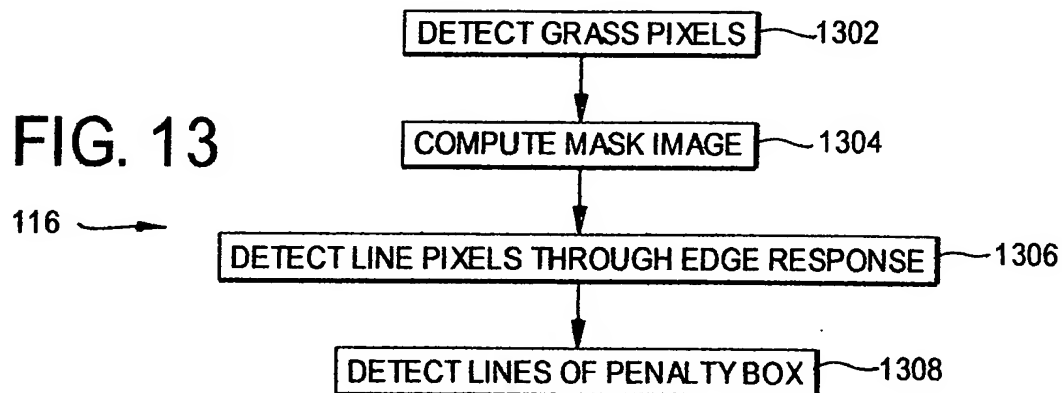
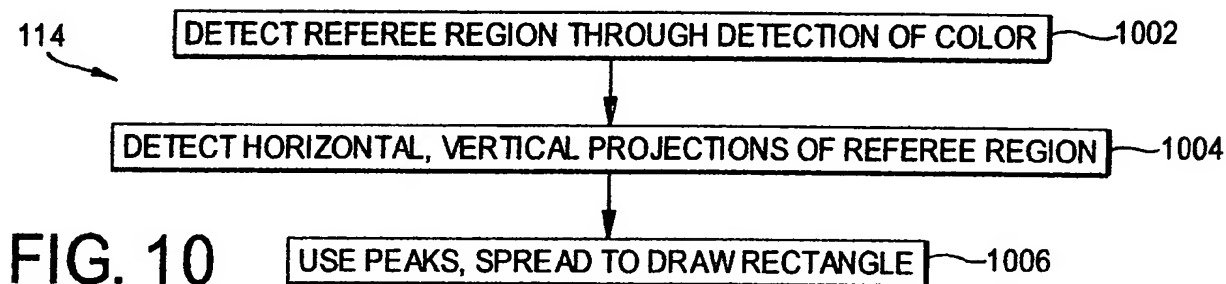
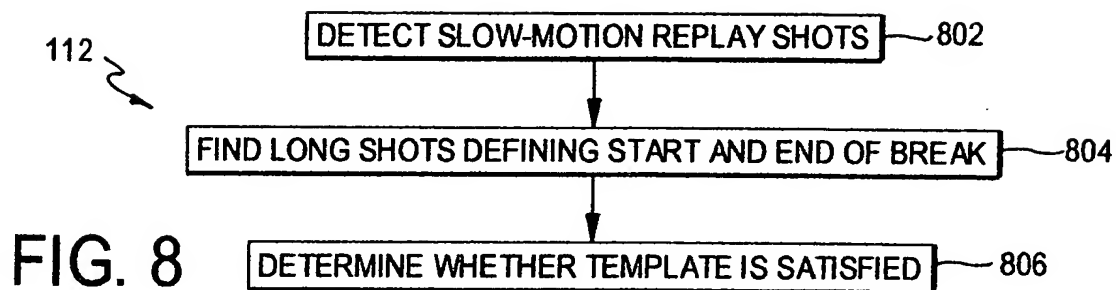


FIG. 7F



6/9





7/9

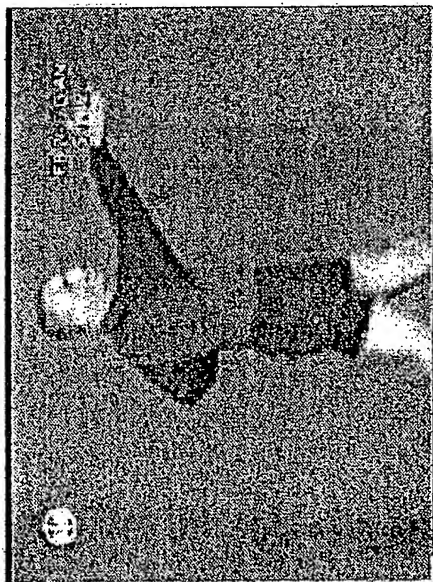


FIG. 9A

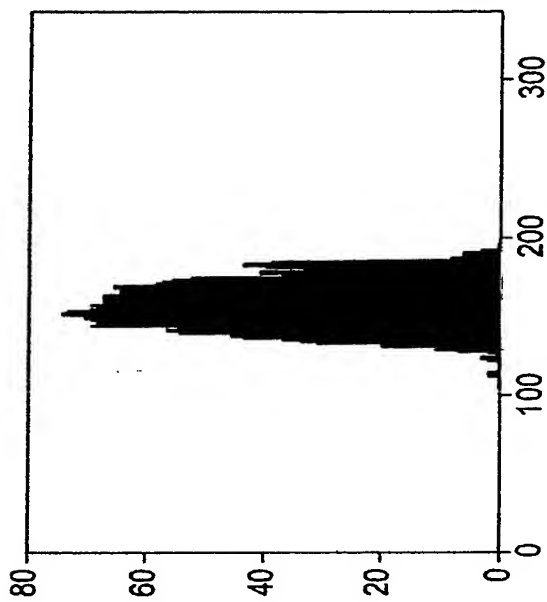


FIG. 9B

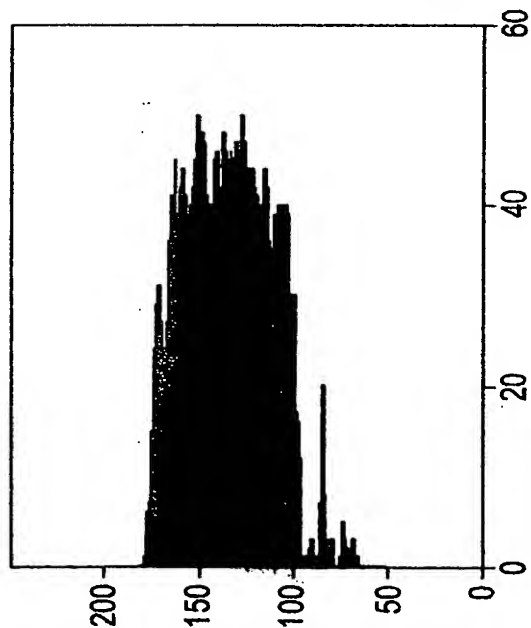


FIG. 9C

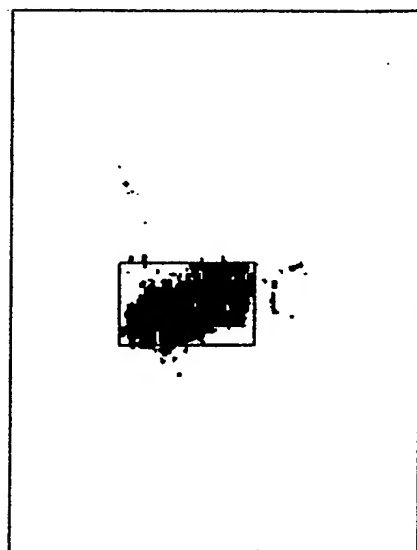


FIG. 9D





8/9

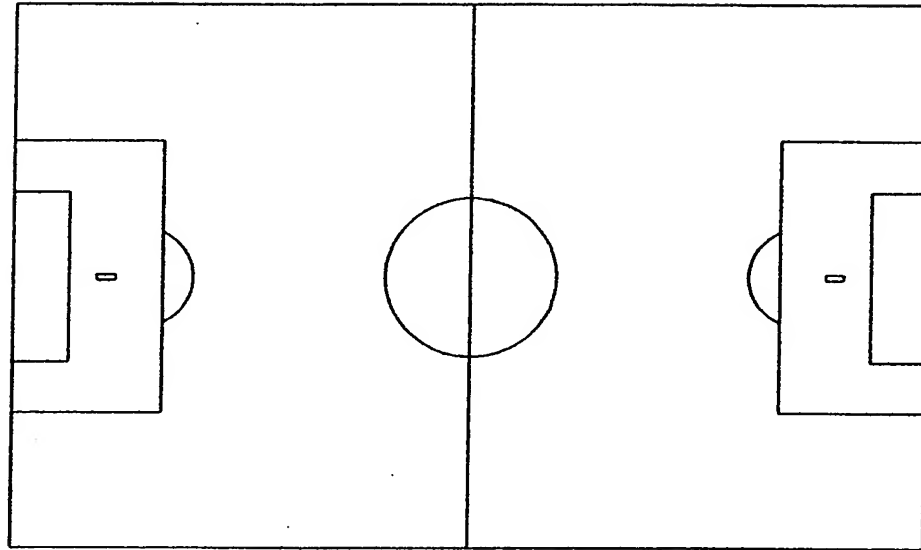


FIG. 11A

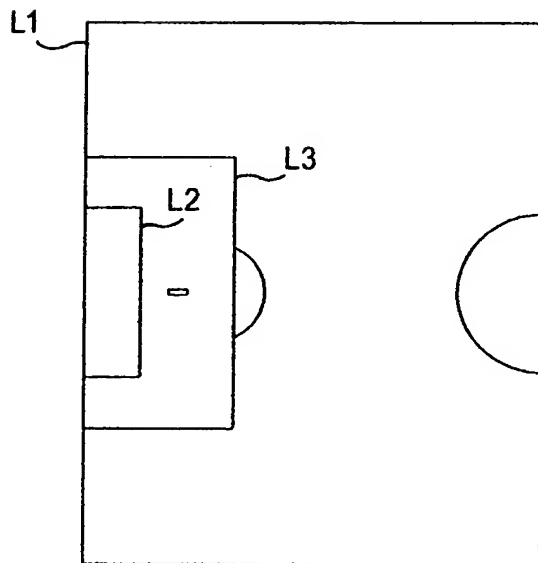


FIG. 11B

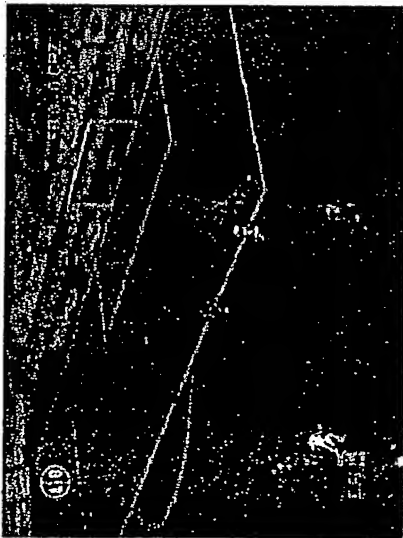


FIG. 12A

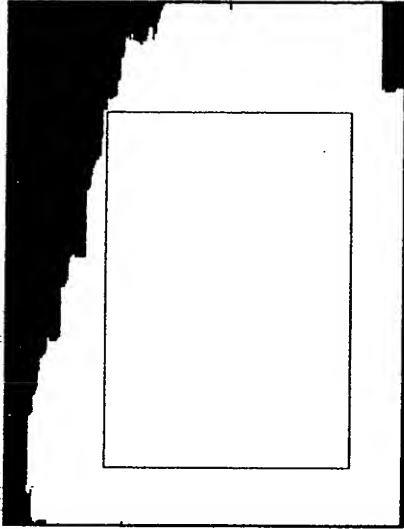


FIG. 12B

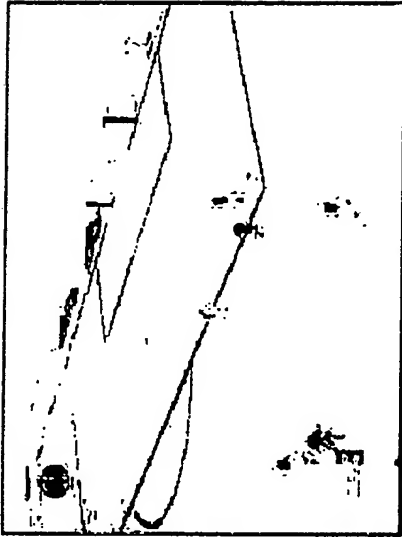


FIG. 12C

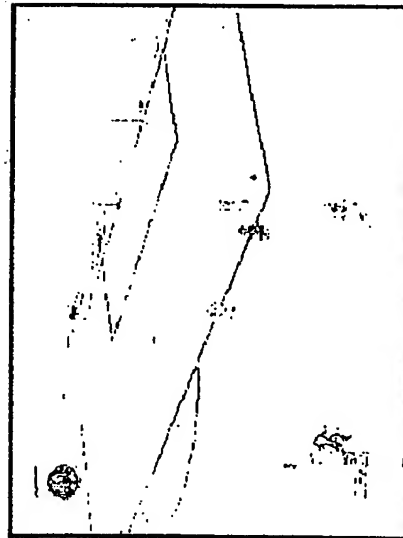


FIG. 12D

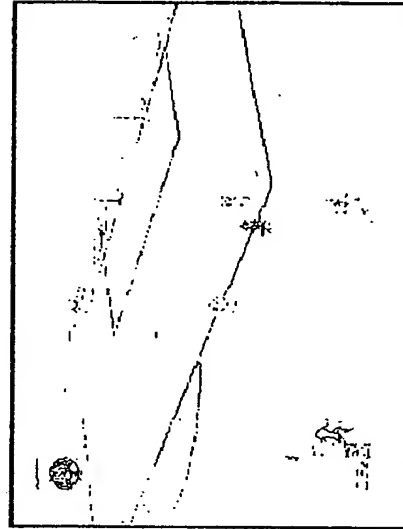


FIG. 12E

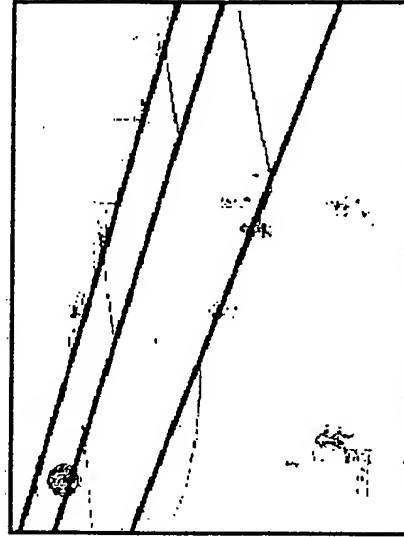


FIG. 12F